

### ABSTRACT

In order improve maintenance of packet sequences in a connectionless network comprising several routers enabling the packets of a flow to be transmitted via several pathways, a packet arriving in a router is transmitted on a route in the same way as a packet which is already located in the router and belongs to the same flow or an incoming packet in the router, which arrives in the router within a time window and which is opened by a packet belonging to the same flow, is transmitted on the same route as the packet opening said window.